

B2 9. (Amended) The process according to Claim 2, wherein said process is carried out at a temperature of from about 392°F to about 450°F; a space velocity of from about 0.1 WHSV to about 100 WHSV; and a pressure of from about 50 psig to about 1000 psig.

B3 11. (Amended) The process according to Claim 1 wherein said process is carried out at a temperature of from about 400°F to about 500°F.

Please ~~add~~ the following new claims:

12. The process according to Claim 1 wherein said hydrocarbon feedstock comprises about 1 wt.% of sulfur-containing molecules.

B4 13. The process according to Claim 1 wherein said hydrocarbon feedstock comprises at least 10 to 100 ppm of sulfur-containing molecules.

14. The process according to Claim 1 wherein said hydrocarbon feedstock comprises from greater than 50 to 100 ppm of sulfur-containing molecules.

15. The process according to Claim 1 wherein more than 95% of said sulfur-containing molecules are converted to oligomers.

REMARKS

Applicants respectfully request reconsideration of this application.

Claims 1-15 are presently in the application.

The present invention relates to an oligomerization process in which hydrocarbon feedstocks which include sulfur-containing molecules are contacted with a hydrotreating catalyst in the absence of hydrogen and in the liquid phase. The catalyst is a heterogeneous catalyst selected from supported reduced